

Abstracts

A Four-Bit Latching Ferrite Switch (Nov. 1965 [T-MTT]) (Correspondence)

D.H. Landry and W.C. Passaro. "A Four-Bit Latching Ferrite Switch (Nov. 1965 [T-MTT]) (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.6 (Nov. 1965 [T-MTT]): 866-867.

Latching ferrites are rapidly advancing a new era of solid-state devices. These new devices require neither external magnets nor continuous drive current, and, in many applications, are far superior to those which utilize conventional biasing techniques. The resultant economy of weight and power supply requirements suggests the possibility of uses in a variety of microwave components such as circulators, switches, isolators, and digital phase shifters. Their fast-switching lightweight characteristics make them particularly suited to phased array and other systems.

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